Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

HW#54: Circumference of Circles

Geometry

Due Date: Wednesday Nov 12, 2014

**Failure to show work on all problems or use complete sentences will result in a LaSalle. *Round to hundredths!***

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| Find the circumference of the following circles | | | | | |
| 10) Find the circumference of the circle below: | 11) Find the circumference of the circle below: | | | | 12) A car tire has a circumference of 64 inches. What is the diameter of the wheel? What is the radius? |
| 13) The perimeter of a rectangle is 42 centimeters. The width of the rectangle is twice as long as its length. Find the length and width of the rectangle. | | | 14) Linoleum floor tiles are each 1-foot square. What is the minimum number of these tiles needed to tile the entire floor of a 13-foot-by-15-foot rectangular kitchen and a 6-foot-by-8-foot rectangular bathroom? | | |
| 15) A circular park has circumference of 36π ft.  a) What is its diameter?  b) What is its radius | | 16) A square has area of 169 in2. Find the side length and perimeter of the square. | | 17) What is the circumference of the circle? | |
| 18) Find the radius and diameter | | | 19) A cut is made from the bottom of a 4 foot by 8 foot rectangle so that it leaves a 1 foot strip along the remaining sides as shown in the diagram below. What is the perimeter of the remaining portion of the rectangle?  8 ft.  4 ft.  1 ft. | | |